DEPARTMENT OF THE AIR FORCE
OGDEN AIR LOGISTICS CENTER (AFLC)
HILL AFB, UTAH 84056-5609

06 Feb 2001

WORK SPECIFICATION

TYPE WORK: Essential Repair, Mod/Update
TYPE EQUIPMENT: F-16, A/B
Reparable End-Items

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SECTION I
GENERAL

1.1 INFORMATION:

1.1.1 This Work/Modification/Update Specification establishes the minimum work requirements for essential repair necessary to restore the F-16 RADAR system reparable end-item(s) to a serviceable condition but not like new cosmetically.

1.1.2 All work performed by the contractor will comply with the instructions and technical data requirements contained in this specification. Additional work discovered after award of contract that is not covered by the contract will be negotiated and approved by the CO through the ACO prior to work being started.

1.1.3 The contractor shall not design, develop, or manufacture tooling or test equipment of a specialized nature as a requirement under this work specification without the express direction of the CO through the ACO.

1.1.4 The contractor shall expend no effort under this work specification for additional engineering design or development of the end item(s) or component(s).

1.1.5 The functional capabilities for which the end item was designed shall not be changed, modified, or altered unless such changes are directed by this work specification and authorized by the PMS.

1.1.6 MICAPS will be identified to the contractor and work priorities will be set by direction of the PMS/MM to ensure "repair to demand" versus "batch repairs".

1.1.7 Authorization for the contractor to retain condemned units for spare parts cannibalization shall be obtained through the ACO/CO from the PMS.

1.1.8 The contractor will be allowed to move components among repairable end items to expedite repair, versus maintaining serial number integrity. When components are replaced with components that were removed from other end items, the components that were removed shall be replaced or repaired and installed in end items missing components. The contractor shall not remove components to the point that the end items are non-repairable and require condemnation.

1.2 TERMS EXPLAINED:

1.2.1 "**Acceptance Test**": The functional and operational tests performed on the end-item to ensure that all performance standards are satisfactorily met to restore the end-item to a serviceable condition. The Acceptance Test shall conform to the requirements for acceptance testing as stated in the applicable Northrop Grumman Corporation drawings listed in Section IV. Authorization to use contractor acceptance test procedure(s) (i.e. ATP) shall be obtained through the ACO/CO from the PMS.

1.2.2 "**ACO**": The Administrative Contracting Officer.

1.2.3 "Calibration": A comparison between two instruments, one of which is a standard of higher accuracy, to detect and correlate or adjust any variation in the accuracy of the instrument or equipment item being compared or tested. Calibration shall be accomplished using government approved contractor technical data.

1.2.4 "CO": The Contracting Officer.

1.2.5 "Diagnose": To ascertain, using the Northrop Grumman Corporation technical data specified in Section IV and government approved contractor technical data what is causing the end-item to be unserviceable.

1.2.6 "Disassemble": To remove the components that make up the end-item in accordance with disassembly instructions in the Northrop Grumman Corporation technical data specified in Section IV and government approved contractor technical data.

1.2.7 "End-Item": The item furnished to the contractor for maintenance.

1.2.8 "Essential Repair": The minimal parts, labor, and processes required to restore an item to a serviceable condition. All repair shall be accomplished using the Northrop Grumman Corporation technical data listed in Section IV and government approved contractor technical data.

1.2.9 "Government Approved Contractor Technical Data": Northrop Grumman Corporation drawings and technical data that has been used in the manufacture/production for initial procurement of government end-items or any subsequent update/modification and can be used for the repair of such items. Authorization to use contractor technical data not specified in Section IV shall be obtained through the ACO/CO from the PM.

1.2.10 "IAW": In Accordance With.

1.2.11 "Inspect": To perform an inspection.

1.2.12 "Inspection": A thorough examination of an item using the Northrop Grumman Corporation drawings and technical data listed in Section IV and government contractor technical data to determine its identity and condition.

1.2.13 "Modification (MOD)": A change in the physical or functional characteristics of a system, equipment, or end-item that affects form, fit, or function.

1.2.14 "N/A": Not Applicable.

1.2.15 "PM": Production Manager is the individual who develops and prepares the Contract Maintenance Purchase Request (PR) package, and is the program manager for the duration of the contract. PM, as used in this document, refers to the production manager, office, and phone indicated on the title page of this Appendix A.

1.2.16 "Reassemble": To reinstall all the serviceable components that make up an end-item in accordance with the assembly instructions in the Northrop Grumman Corporation technical data listed in Section IV and government approved technical data.

1.2.17 "Repairable": An unserviceable item that can have maintenance performed to restore it to a serviceable condition.

1.2.18 "Reparable": An unserviceable recoverable end-item that may or may not be repairable and refers more to its logistics status.

1.2.19 "Serviceable": Capable of meeting the requirements and performing the function for which designed or modified and meets all test requirements established by this work specification and the Northrop Grumman Corporation technical data cited in Section IV and government approved contractor technical data.

1.2.20 "Technical Data": All government and contractor drawings, specifications, standards, Technical Orders (T.O.s), technical manuals, and all other technical publications necessary to restore an item to a serviceable condition.

1.2.21 "Update": To bring an end-item up to the latest acceptable government approved configuration without changing its original form, fit, or functional capability.

1.3 DATA:

1.3.1 REPORTING REQUIREMENTS: Reporting and data requirements are identified in the Contract Data Requirements List (CDRL), DD Forms 1423.

1.3.2 TECHNICAL DATA:

1.3.2.1 The removal, disassembly, inspection, essential repair/modification/update, test, assembly, and reinstallation of component parts and equipment shall conform to the instructions in this work specification and all applicable technical data/directives listed in Section IV.

1.4 SECURITY: DD Form 254 is not required.

1.5 QUALITY: The inspection system requirements acceptable to the government are specified in Schedule Section E of the contract/order.

1.6 CONDEMNATION: Authorization to accomplish condemnation shall be obtained through the ACO/CO from the PM for end item(s) determined to be uneconomical to return to a serviceable condition.

1.7 ROUTED REPAIR REPLACEMENT QUANTITIES (RRRQ): These are serviceable recoverable assets determined to be available and in long supply, RRRQ items shall not be repaired if available from the government, these items will be included on the ratable spares attachment to an

appendix B if applicable and will be identified by an asterisk. The contractor shall contact the OO-ALC Production Manager for support of RRRQ items.

1.8 ACCESSORY AND COMPONENT REUSE, MAINTENANCE, AND REPLACEMENT: Maintenance and replacement of accessory and component parts will be IAW specific work requirements listed in Section III of this work specification, the technical data cited in Section IV, and the appropriate government-approved contractor technical data.

1.9 SPECIAL TOOLS AND SUPPORT EQUIPMENT (ST/SE):

1.9.1 ST/SE necessary to accomplish maintenance and ensure serviceability of the end-item(s) will be identified in the appropriate technical data in Section IV; however, ST/SE will not be furnished by the government.

1.9.2 Necessary ST/SE will be furnished by the contractor. If substitute ST/SE are proposed for use in this effort, authorization must be obtained through the ACO/CO from the PM.

1.10 CONTRACTOR COMMUNICATION NETWORK (CCN) FOR G009 Government Furnished Material (GFM and/or End Item Production Reporting and Requisitioning).

1.10.1 General: The purpose of this information is to provide the specific conditions, hardware specifications, software criteria, and communications interface to support contractor Government Furnished Material and/or End Item reporting requirements and supply requisitions.

1.10.2 HOST LOCATIONS:

1.10.2.1 A web server located at Hill AFB, UT will act as host for G009 on-line transaction processing. The contractor shall be required to complete a DISA Form 41 for security access prior to log-on to the system. The DISA Form 41 must be returned to OO-ALC/LGPC for user ID and Internet address. A fax number must also be provided for timely return of access ID. Contractors may request file transfer capability and will utilize FTP procedures provided by the managing ALC at the time of the request.

1.10.2.2 The DLA/DAASC front-end computer at WP-AFB, Ohio will act as host for GFM requisitions. The contractor shall be required to sign a DAAS Automated Message System (DAMES) customer license agreement that will be furnished by DAASC. The contractor terminal, using the dedicated telephone line provided by the contractor and the software proved by DAASC, will dial-up the DAASC computer to initiate the transmitting or receiving of requisition related information.

1.10.3 TECHNICAL CONSIDERATIONS: The contractor shall provide the following hardware to meet specifications indicated;

1.10.3.1 Contractor will provide at a minimum with Internet access, 486 Personal Computer (8 MB RAM minimum, 40 MB Hard Disk Drive, Q-BASIC Interpreter DOS 5.0), Monitor, Printer. The Personal Computer will require a WEB browser tool for system access and must be IBM compatible.

1.10.3.2 Specific DAMES Asynchronous System Requirements for Contractor GFM Requisitions.

1.10.3.2.1 Hayes Auto-dial model or Hayes compatible.

1.10.3.2.2 9600 baud capability minimum.

1.10.3.2.3 Modem must be capable of understanding the Hayes AT command set.

1.10.3.2.4 Modem must be connected via direct dial telephone circuit.

1.10.3.2.5 Asynchronous communications port (configured as COM1 or COM2).

1.10.3.2.6 DOS Version 5.0, Version of DOS and BASIC Interpreter must be compatible.

1.10.4 RESPONSIBILTY OF CONTRACTOR:

1.10.4.1 Capability for direct dial telephone line hook-up for the system data transmission shall be provided by the contractor with no call waiting or other line interruption features (DAMES access only).

1.10.4.2 The contractor will receive DAMES software from DAASC. Immediately upon receipt, the contractor shall install software and make electronic connectivity with DAASC (DAMES access only).

1.10.4.3 Initial training will be provided by the contracting ALC. Follow-up training shall be the responsibility of the contractor.

1.10.4.4 The contractor is responsible for the maintenance of the hardware and for providing supplies.

1.10.4.5 It is the contractor's responsibility to keep the system operational and compatible with specifications identified above.

1.10.4.6 The contractor shall use the G009 system for all end item and GFM reporting.

1.10.4.7 System failures that cannot be corrected within 24 hours shall be reported to the contracting ALC by the fastest means possible.

SECTION II
RECEIPT OF EQUIPMENT AT FACILITY

2.1 HANDLING: The contractor shall exercise care to prevent damage to Government Furnished Property/Equipment while in his possession.

2.1.1 The contractor shall store all Government Furnished Property in a secure area to provide protection against damage, pilferage, or loss. Storage areas shall provide protection against all adverse environmental conditions.

2.1.2 Reusable shipping containers, packaging, and crating material in which the Government Furnished Property is received shall be handled with care. Reusable containers shall be stored for reuse, and configuration of the containers shall not be altered.

2.2 INVENTORY INSPECTION: An inspection shall be performed on the end-item upon its receipt at the contractor's facility for the following:

2.2.1 Proper identity.

2.2.2 Damage.

2.2.3 Completeness.

2.2.4 Any deficiencies found as a result of the above inspection shall be brought to the attention of the ACO, and disposition shall be IAW instructions contained in Appendix "B": of this contract, if applicable, or as directed through the ACO and CO by the PM.

2.3 PRESERVATION: While the end-items are in the possession of the contractor, they shall be handled and stored in such a manner to preclude damage by handling, weather, or foreign matter.

SECTION III
WORK REQUIREMENTS

3.1 GENERAL:

3.1.1 The contractor shall receive, disassemble, inspect, test, fault-isolate, and perform essential repair/modification/update on each end-item and component(s), when applicable, to restore the item(s) to a serviceable condition, but not like new cosmetically.

3.1.2 Parts or material used shall be equal to or exceed the original requirements of technical data cited herein. In the event deviation from the technical data is required, and the contractor desires use of a substitute part, an approval request in letter form shall be submitted through the ACO/CO to the PM who will obtain the appropriate engineering office approval, and provide an information copy to the OO-ALC/TIEDAQ. If the substitute part is built to an industrial- or commercial-grade standard, the contractor shall document the difference(s) between the industrial- or commercial-grade standard requirements and the original specification for that part. This document shall be submitted with the approval request.

3.1.3 Reworked component parts of the end-item shall meet serviceable criteria IAW technical data cited herein.

3.1.4 Serviceable precision matched or mated component parts shall be handled in a manner to ensure their reinstallation as a matched set.

3.1.5 Maintenance on the reparable end-item(s) and component(s) shall be accomplished using only Northrop Grumman Corporation technical data or government approved contractor technical data.

3.1.6 If any applicable technical data is changed, revised, amended, or supplemented after award of contract, and an increase or decrease in work requirements is involved, the ACO and CO will be informed. Any increase in labor and /or materials will be accomplished by a revision to this work specification and other appendix packages as applicable, and negotiated by the CO, prior to work being accomplished.

3.1.7 RELIABILITY AND MAINTAINABILITY (R&M): Additional R&M is not required; however, existing R&M performance shall not be degraded during this work effort.

3.1.8 ENVIRONMENTAL STRESS SCREENING (ESS) REQUIREMENTS: The contractor shall accomplish ESS requirements for electronic items IAW good commercial standards.

3.1.9 ENVIRONMENTAL IMPACT (EI) REQUIREMENTS: N/A.

3.1.10 ELECTRONSTATIC DISCHARGE (ESD) CONTROL: The purpose of an ESD program is to establish the requirements necessary to minimize the effects of ESD on parts, assemblies, and equipment. An effective ESD program will increase reliability and decrease maintenance actions and lifetime cost. Contractors shall establish, implement, and document and ESD program.

3..1.10.1 The contractor shall document an ESD control program plan. This ESD control program plan shall be submitted to the program manager through the CO/ACO for approval by the responsible engineering activity. The contractor shall identify each ESD susceptible part, assembly, and equipment applicable to the contract as Class 1, 2, or 3. ESD susceptibility classification data shall be used to ensure compliance. Identification and classification of Class 3 items shall be required for mission critical or essential parts, assemblies, and equipment.

3.1.10.2 The sensitivity classifications are:

Class 1: Susceptible to damage from ESD voltages greater than 0 to 1,999 volts.
Class 2: Susceptible to damage from ESD voltages of 2,000 to 3,999 volts.
Class 3: Susceptible to damage from ESD voltages of 4,000 to 15,999 volts.

NOTES: the classification voltage ranges defined above include both positive and negative polarities. For the purposes of this requirement, parts, assemblies, and equipment susceptible to the ESD voltages of 16,000 volts or higher are considered non-ESD sensitive.

3.1.10.3 The contractor shall handle ESD susceptible parts, assemblies, and equipment that is without ESD protective covering or packaging in ESD protected areas IAW detailed ESD protective handling procedures. If there are practical considerations which preclude handling in the protected areas, detailed alternative handling precautions and procedures shall be prepared and utilized in the unprotected areas. Electrostatic voltages in areas where Class 1, 2, or 3 parts, assemblies, and equipment are handled without protective covering or packaging shall be maintained below the lowest voltage sensitivity level of these items. The contractor shall develop, document, and implement ESD protective handling procedures. Handling procedures shall include, as applicable, ESD damage prevention procedures to be used in all areas where ESD susceptible items are manually or machine-processed, tested, packaged, and/or handled.

3.1.10.4 When not being worked on or when outside protected areas, ESD susceptible parts an assemblies shall be enclosed in ESD protective covering or packaging.

3.1.10.5 The contractor shall provide documented ESD training to all personnel who perform or supervise any of the applicable functions or elements. Personnel training records shall be made available to the acquiring activity or its designated representative for on-site review upon request.

3.1.10.6 Unless otherwise specified marking shall be as follows:

Parts: ESD susceptible parts shall be marked with EIA RS-471 symbol.

Assemblies: ESD susceptible assemblies shall be marked with EIA RS-471 symbol. The symbol shall be located in a position readily visible to personnel with the assembly is incorporated in its next higher assembly. When physical size or orientation of the assembly precludes compliance with this requirement, alternative marking procedures shall be developed and submitted to the program manager through the CO/ACO for approval by the responsible engineering activity.

3.1.10.7 Equipment containing ESD susceptible parts and assemblies shall be marked with the EIA RS 471 symbol. The symbol shall be located on the exterior surface of the equipment and readily visible to personnel prior to gaining access to ESD susceptible parts and assemblies within the government. The following ESD caution statement should be placed next to the ESD symbol:

CAUTION
CONTAINS PARTS AND ASSEMBLIES SUSCEPTIBLE TO DAMAGE
BY ELECTROSTATICE DISCARGE (ESD).

3.1.10.8 Deliverable documentation shall identify Class 1, 2, and 3 parts, assemblies, equipment, and connectors, test points, and terminals collectively as ESD susceptible. Additionally, the above documentation shall include or refer to documented ESD protective procedures.

3.1.10.9 Non-deliverable documentation used by the contractor for implementation of an ESD control program should identify Class 1, 2, and 3 parts, assemblies, and equipment collectively as ESD susceptible. At the contractor's option, exact classification data may be included in lieu of collective identification. Documentation, as appropriate, should include or incorporate by reference, documented ESD protective procedures.

3.1.10.10 Unless otherwise specified, ESD protective packaging shall be fully complied with for ESD items. In addition, ESD protective caps shall be used on equipment external connectors that are connected to ESD susceptible parts and assemblies within the equipment.

3.1.10.11 Quality assurance requirements shall be established to periodically verify conformance to the approved ESD control program plan. These requirements shall include periodic monitoring and auditing of ESD requirements.

3.1.10.12 The contractor shall prepare and maintain internal records of each periodic quality evaluation performed to ensure compliance with the approved ESD control program plan. These records shall identify the date of the evaluation, evaluation participants, items or activities reviewed, objectives of the evaluation, all detected problems, and any recommendations and corrective actions resulting from the evaluation.

3.1.10.13 The contractor shall evaluate the planning and preparation performed for each formal review and audit to ensure that all required documentation will be ready for government review. The acquiring activity reserves the right to determine conformance to the requirements of the ESD program.

3.2 SPECIFIC WORK REQUIREMENTS:

NOTE: Government approved contractor technical data shall be used to accomplish the specific work requirements in paragraphs 3.2.1 through 3.2.8. Contractor data will be supplemented as applicable by the general technical data cited here in and listed in Section IV.

3.2.1 DISASSEMBLY: The contractor shall disassemble each item only to the extent necessary to accomplish inspection, testing, fault isolation, and maintenance.

3.2.2 CLEANING: The contractor shall clean the end-items thoroughly prior-to and after disassembly and maintain cleanliness during this maintenance effort (NOTE MIL-HDBK-454 and T.O. 00-25-234 provide examples of acceptable methods).

3.2.3 INSPECTION:

3.2.3.1 The contractor shall accomplish a thorough inspection of each end-item, reusable or replacement component parts, and materials (external and internal) for the following:

3.2.3.1.1 End-item for loose or missing parts, materials, and attaching hardware.

3.2.3.1.2 End-item for dents, punctures, bent pins, cracks, and wrinkled or misaligned conditions that may cause chafing.

3.2.3.1.3 Component parts, material, and attaching hardware to determine serviceability, and conformance with the technical data.

3.2.3.1.4 Structural parts for dents, punctures, cracks, oversized holes, evidence of chafing, and corrosion.

3.2.3.2 NON-DESTRUCTIVE INSPECTION (NDI): The contractor shall accomplish Non-Destructive Inspection (NDI) by disassembly to the extent necessary to assure a definite acceptance or rejection of the suspected item or area. (NOTE: T.O. 33B-1-1 provides examples of inspection methods and criteria).

3.2.3.3 The contractor shall accomplish inspections during the maintenance process while the item is accessible for the following:

3.2.3.3.1 Quality repair of replacement parts when accomplished.

3.2.3.3.2 Correct dimensions of repair or replacement parts.

3.2.3.3.3 Correct type and quality of parts and materials.

3.2.3.3.4 Check for insulation between dissimilar metals.

3.2.3.3.5 Check for unauthorized or unacceptable maintenance.

NOTE: If unauthorized or unacceptable maintenance is suspected or verified, notify the PM through the ACO/CO.

3.2.4 CORROSION CONTROL AND TREATMENT: Accomplish corrosion control and treatment as required.

3.2.5 MAINTENANCE: The contractor shall perform the required maintenance, inspect and reassemble the reworked end-item and component(s), and calibrate, if applicable. (NOTE: TO 00-25-234 contains information regarding this requirement).

3.2.5.1 Updates/Modifications applicable to the end-item(s) as outlined in technical orders and other directives listed in Section IV shall be accomplished concurrently with the maintenance required by this work specification, and shall be to the latest approved and supportable configuration.

3.2.5.1.1 Modifications will be limited to those items with an appropriate modification contract in place to affect the work, or those that do not require modification kits and only the labor for this effort will be funded from the repair contract.

3.2.5.2 The contractor shall perform an acceptance test and checkout, of each completed end-item to assure serviceability prior to presentation to the government. Test and checkout shall be accomplished IAW government-approved contractor data.

3.2.5.3 Upon satisfactory completion of final test, the contractor shall cover and seal all ports, vents and electrical connections/plugs with suitable caps to prevent entry of foreign matter or damage during handling and shipment.

3.2.6 FINISHING:

3.2.6.1 The contractor shall repair or replace damaged internal protective finish to the extent necessary to ensure serviceability and provide adequate protection during use.

3.2.6.2 Circuit Card Assemblies (CCAs)/Printed Wiring Boards (PWBs) which have previously been conformally coated will be recoated where coating is removed during maintenance. Unless specified otherwise on drawings/specifications, the coating shall conform to MIL-I-46058, type AR. Prior to coating, all exposed contact areas shall be masked, taking necessary precaution to prevent damage due to electrostatic discharge. Exposed contact areas include integrated circuit sockets, CCA and PWB connectors, test point receptacles and male and female connectors.

3.2.6.3 External finishing of the end-item shall be accomplished only to the extent necessary to provide adequate protection. Minor scratches are to be touched up or spot painted to provide necessary protection.

3.2.6.4 The contractor shall replace damaged markings, identification, and decals.

3.2.6.5 Each completed end-item will be permanently and legibly marked with the contractor's facility identification. This identification will display the name of the contractor facility, date of maintenance, and contract number. This identification can be by decalcomania, rubber stamp, or stencil. When using rubber stamp or stencil, use permanent, waterproof ink or paint of contrasting color; also, end-item

identification plates shall reflect the latest modification/update, as applicable, and the National Stock Number and Part Number.

3.2.7 DELIVERABLE DATA REQUIREMENTS: The deliverable data requirements which generate as a result of the work effort accomplished IAW this Work Specification are identified in Attachment 1 to this Appendix.

3.2.8 GOVERNMENT ACCEPTANCE INSPECTION: All work will be subject to government acceptance inspection and shall conform to this work specification, the technical orders, and other applicable directives listed in Section IV.

3.2.8.1 The contractor is authorized to induct all configurations of any of the items listed in the contract. Performance and reliability Class II Revision Notices will be incorporated as determined by the contractor. These Revision Notices will be incorporated under the repair contract. Correction of deficiency (COD) modifications and improvement Engineering Change Proposals (ECPs) which are negotiated and funded separately, will be accomplished in accordance with the mutually agreed to schedules. Items will not be updated to the latest approved and supportable configuration specified in the contract under the following conditions:

3.2.8.1.1 Modifications/Updates which are not funded/authorized separately, e.g. spares not covered by the Production COD clause.

3.2.8.1.2 Modifications/Updates will not be required if the received configuration is compatible with configurations in use at the time of receipt and those modifications/updates are not required to satisfy modification/update schedules which are bilaterally agreed to between the contractor and the government.

3.2.9 CLARIFICATION STATEMENT: NSN Stock Classes change and roll frequently. The item itself does not change. When a Stock Class changes but the NIIN does not change, treat the CLIN as the same.

3.2.10 MAINTENANCE PHILOSOPHY: The desired maintenance philosophy for the end-item during the repair process is to either repair the sub-components IAW government approved test procedures or replace them from an approved government source.

SECTION IV
TECHNICAL ORDERS AND OTHER DIRECTIVES

4.1 TECHNICAL DATA REQUIREMENTS: The contractor shall maintain all T.O.s applicable to this work requirement in a current status IAW T.O. 00-5-1, distribution IAW T.O. 00-5-2. The contractor shall comply with the latest dated T.O.s and other directives used or issued during the time the work is being accomplished and perform a timely review of all updated T.O.s and other directive changes applicable to the work requirement. The review will consider the impact on work requirements, cost, and schedules with backup data for those changes. Increases or decreases in work, which impact the maintenance facility or the government, will be sent through the ACO to the CO for negotiation and approval, prior to beginning work.

4.2 APPLICABLE TECHNICAL ORDERS (for information purposes only):

4.2.1 GENERAL (as applicable):

T.O.	00-5-1	AF Technical Order System
T.O.	00-5-2	AF Technical Order Distribution System
T.O.	00-25-234	General Shop Practices Required for the Repair, Maintenance and the Test of Electronic Equipment
T.O.	1-1-689	Avionics Cleaning and Corrosion Control
T.O.	33B-1-1	NDI Methods

4.2.2 SPECIFIC (Reference T.O.s):

T.O. 11F12-5-11-3
T.O. 11F12-5-11-4

4.3 APPLICABLE TIME COMPLIANCE TECHNICAL ORDERS: N/A.

4.4 APPLICABLE DIRECTIVES:

MIL-HANDBK 344a	Environmental Stress Screening of Electronic Equipment
MIL-C-5501	Cap and Plug, Protective, Dust and Moisture Seal
MIL-I-46058	Insulating Compound, Electrical
MIL-HDBK-454	Requirements for Electronic Equipment

Technical orders/manuals, technical directives and other applicable publications required to accomplish the work effort, but not in possession of the contractor, shall be acquired as authorized and directed by the ACO.

NOTE: Primary source for military specifications and standards is:

Department of the Navy
Naval Publications and Forms Center
5801 Tabor Ave.
Philadelphia, PA 19111-5094

DSN: 88-442-2179/2667

4.5 APPLICABLE CONTRACTOR TECHNICAL DATA: Unless otherwise specified below, all drawings listed in this section are Northrop-Grumman (Cage code 97942 or 19200) drawings.

DRAWING No.	MONENCLATURE or DESCRIPTION
682R535G01/T928221	ACCEPTANCE TEST SPECIFIC

ATTACHMENT # 1

DELIVERABLE DATA REQUIREMENTS

1. The contractor shall establish and maintain a program that will provide the status of maintenance production, asset management, condemnations and problems encountered. IAW (Form 1423) (DI-L-3341A/T) (G009).

HEADQUARTERS
OGDEN AIR LOGISTICS CENTER
UNITED STATES AIR FORCE
HILL AIR FORCE BASE, UTAH 84056

APPENDIX "C"

DATE: Feb 28, 2001

AF CONTRACT NR

SAFETY INFORMATION

TYPE WORK: ESSENTIAL REPAIR

TYPE EQUIPMENT: F-16 AN/AFG-66 FIRE CONTROL RADAR COMPONENTS

CONTENTS

PREPARED BY: SEG/GOODSELL/71428/01-026

FD2020-01-21734

SECTION 1 - INDUSTRIAL SAFETY REQUIREMENTS

1.1 General Requirements:

1.1.1 The contractor shall protect government property to prevent damage during the period of time the property is under the control or possession of the contractor.

1.1.2 The contractor shall include a clause in all subcontracts to require subcontractors to comply with the safety provision of this contract.

1.1.3 The contractor shall ensure that the safety designed into the system is not degraded by the repair methods or procedures, or changes initiated during work processes associated with this contract.

1.1.4 The contractor shall comply with all safety provisions, e.g. technical specifications, technical publications, etc., referenced in the work requirements of this contract.

1.1.5 Accident/Incident Reporting and Investigation:

1.1.5.1 The contractor shall report promptly to the Administrative Contracting Officer (ACO) all available facts relating to each instance of damage to government property.

1.1.5.2 When a major mishap ($10,000 or more) involving government property occurs, the contractor shall immediately secure the accident scene and damaged item or wreckage until released by the accident investigative authority as designated by the contracting ALC Safety Office. Such release will be accomplished through the ACO.

1.1.5.3 If the government elects to conduct an investigation of the accident, the contractor shall cooperate fully and assist government personnel until the investigation is completed.

1.1.5.4 The contractor shall include a clause in each of his applicable subcontracts to require subcontractor's cooperation and assistance in accident reporting and investigation.

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1.2 Specific Requirements:

1.2.1 Storage of government property shall be provided in accordance with DOD Regulation 4145.19-R-1, paragrahs 6-107, 6-108, 6-109a, 6-110, 6-117, 6-121 and 6-122.

1.2.2 Inspect and maintain hoists, cranes, slings, and other lifting equipment to ensure safe operation:

1.2.2.1 All lifting devices and equipment shall have sufficient capacity for the loads lifted.

1.2.2.2 All lifting devices and equipment shall be labeled to indicate their load capacity.

1.2.2.3 All lifting devices and equipment shall be visually inspected for damage or defects each day before being used.

1.2.3 Welding of aircraft or aerospace equipment will be in accordance with AFOSH Standard 91-5.

1.2.4 The storage and use of paint and dope materials in the vicinity of government property shall be in accordance with the applicable parts of National Fire Protection Association (NFPA) 33.

1.2.5 Flammable liquids in the vicinity of government property shall be handled and stored in accordance with the applicable parts of NFPA 30.

1.2.6 Flammable gas cylinders in the vicinity of government property shall be handled and stored in accordance with the applicable parts of NFPA 51.

1.2.7 Adequate portable or fixed fire extinguishing equipment shall be conspicuously located and readily accessible for immediate use in the event of fire.

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FD2020-01-21734

SECTION 2 BIBLIOGRAPHY OF PUBLICATIONS/DIRECTIVES:

The documents listed herein are applicable to the extent required by other provisions of Sections 1. The listed documents of the issue in effect on date of invitation for bid or request for proposal, form a part of the specification to the extent specified herein.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 30	Flammable and Combustible Liquids Code
NFPA 33	Spray Application Using Flammable and Combustible Materials
NFPA 51	Oxygen-Fuel Gas Systems for Welding, Cutting and Allied Processes
AFOSH STD 91-5	Welding, Cutting and Brazing
DOD Manual 4145.19-R-1	Storage and Materials Handling

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